North Atlantic Division

# USACE's National Planning Center of Expertise for Hurricane and Storm Damage Prevention


**Larry Cocchieri, North Atlantic Division**

**16 May 2006**

# National Planning Center of Expertise for Hurricane and Storm Damage Prevention
# PCX-HSDP

- Background
- Organization
- FY06 Activities
- FY05 Accomplishments
- PCX Initiatives
- Challenges
- Communications Strategy

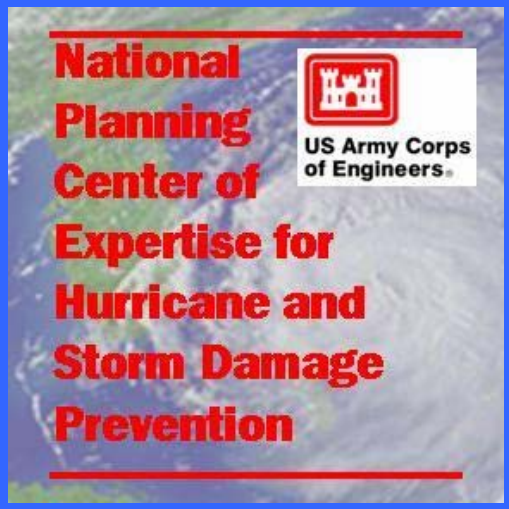
# National Planning Centers of Expertise

## Background

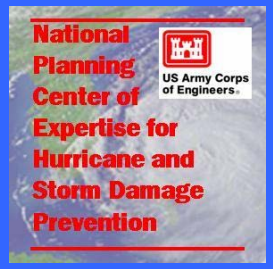
- **DCW – 7 July 2002 – *We need regional plans to concentrate high levels of capability in appropriate areas of specialization for complex project formulation, evaluation, and review.***
- **This was in response to OMB's request for one National Center.**
- **Selection of centers made on 25 Aug 2003.**

# National Planning Centers of Expertise (PCX's)

- **Key Program Areas**
  - ***Hurricane and Storm Damage Prevention (HSDP) – NAD***
  - **Inland Navigation – LRD**
  - **Deep Draft Navigation – SAD**
  - **Flood Damage Reduction – SPD**
  - **Ecosystem Restoration – MVD**




- **Other Areas**
  - **Water Supply and Reallocation – SWD**
  - **Hydropower – NWD**

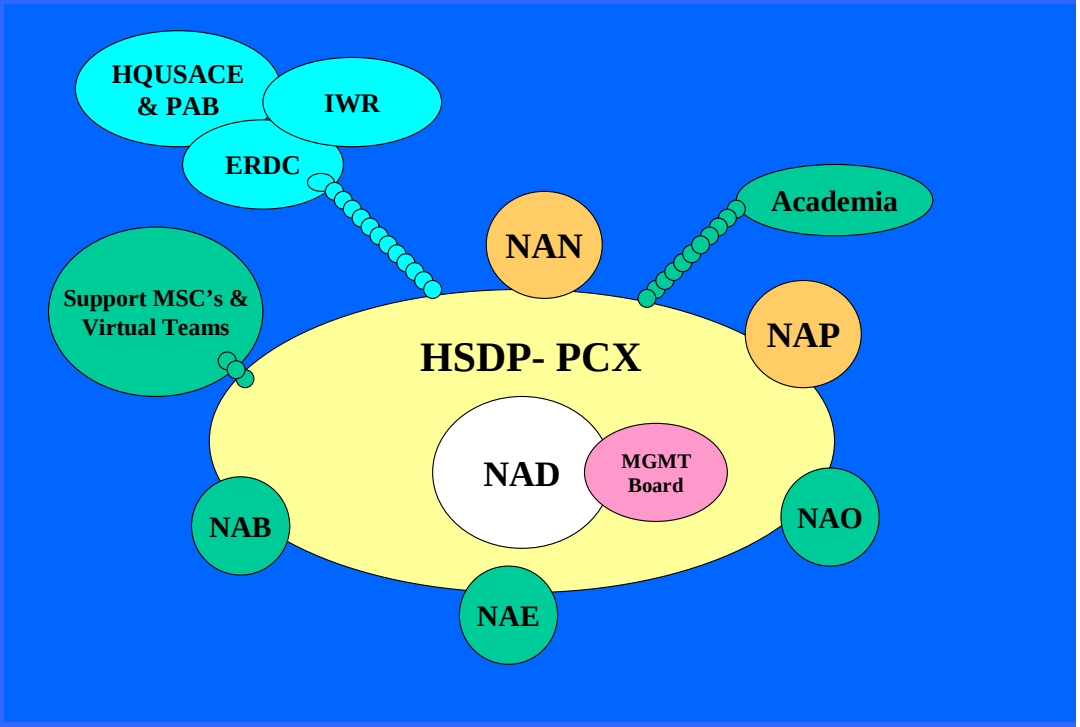



# Mission Statement

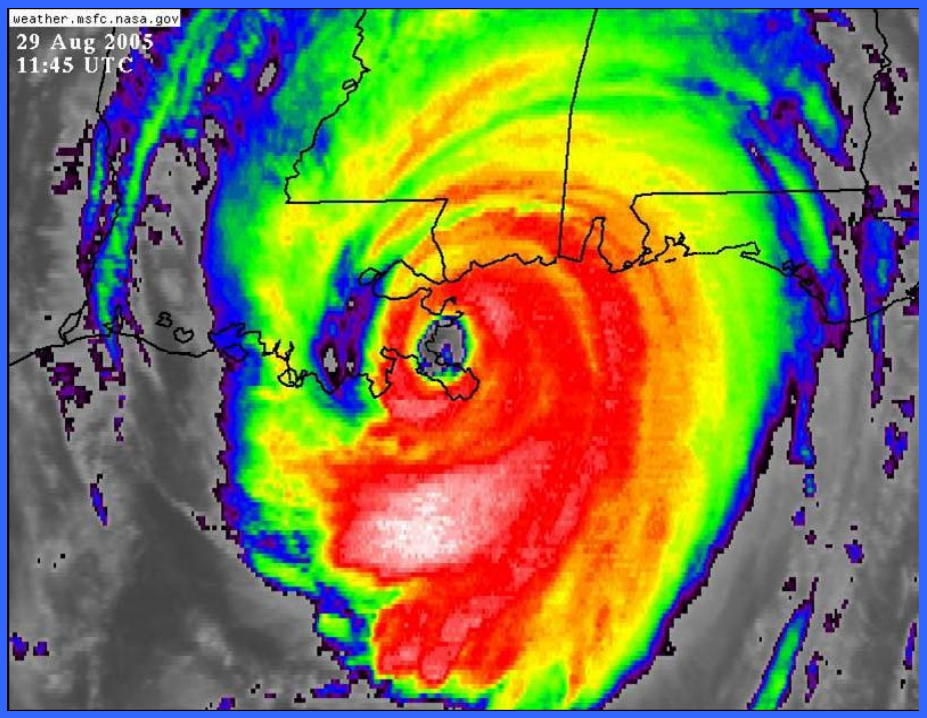
**The PCX-HSDP supports hurricane and storm damage prevention, regional sediment management and affiliated ecosystem restoration water resources needs at both the national and international levels. The PCX-HSDP serves as a *planning services support center* for hurricane and storm damage prevention (HSDP) needs, interacting with project delivery teams and matching needs with resources. The PCX-HSDP seeks to improve the quality and timeliness of HSDP studies by providing services that meet the needs of our customers. The purpose is to develop, maintain and apply the best and most appropriate national and regional expertise and science and engineering technology to the *planning (plan formulation, economics, environmental and associated engineering key disciplines)* of HSDP projects.**

# Organization

- **Virtual organization lead by NAD.**
- **Personnel: a *diverse* group of 49.**
  **7 @ NAD,**
  **42 among districts,**
  **virtual and available as needed.**
- **Funding: No centralized funding. Customers provide funding for major requests.**

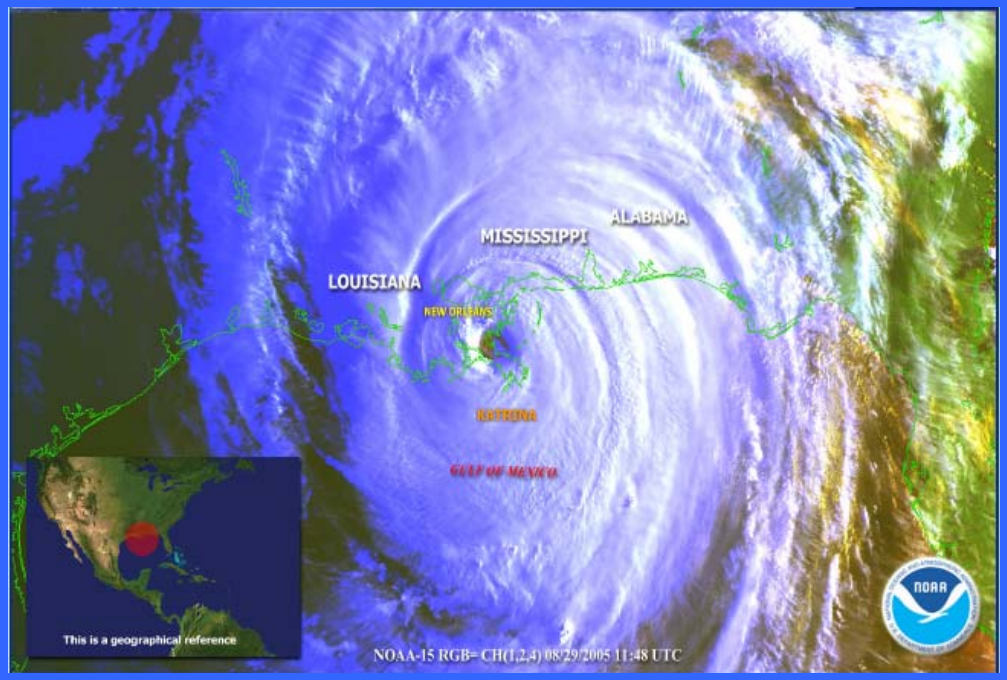


# Louisiana Coastal Protection & Restoration (LaCPR): Preliminary & Final Technical Reports




- PCX is leading full spectrum EITR.
- PCX also managing Peer Review.
- 21 disciplines involved.

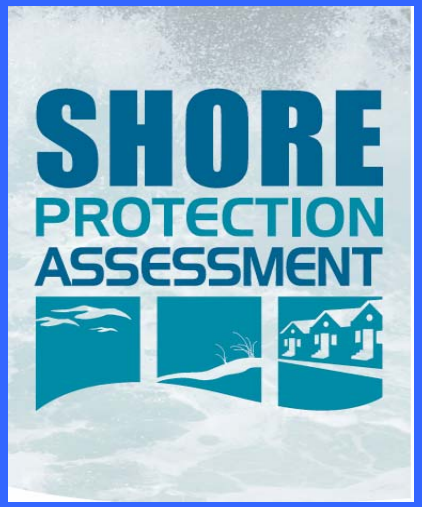
# Mississippi Coastal Improvement Plan (MsCIP): Preliminary & Final Technical Reports




- PCX is leading full spectrum EITR.
- PCX also managing Peer Review.
- 13 disciplines involved.

# Shore Protection Project Performance Improvement Initiative (S3P2I)

- **Authorized by PL 108-324 on 13 Oct 2004.**
- **"assessment of project performance" of authorized shore protection projects subjected to storm damages from the major hurricanes of 2004.**
- **$11 million initiative.**
- **Economic, physical response, social & environmental aspects of project performance.**
- **PCX to recommend HSDR formulation & design improvements to be incorporated into planning process.**



# PCX-HSDP Work Plan 06

- Support to Louisiana Coastal Protection & Restoration (LaCPR) Effort.
- Continue Design & Formulation focus area of S3P2I.
- Participation in National PCOP Conference.
- Direct Planning Associates (PA) Coastal Planning course scheduled for June 06.
- Support hosting Fall 06 Coastal Engineering Research Board (CERB) meeting in NJ.
- Manage EITR's and model certifications.

# FY05 Accomplishments

- Directed PA Coastal Planning Class in May 2005.
- Initiated Design & Formulation efforts in S3P2I.
- Development of model certification process.
- PMP.

# Initiatives to:

- **Conduct ITR/Peer Review**
- **Develop Model Certification process**
- **Provide advice to districts**
- **Promote Regional Sediment Management (RSM) Approach**

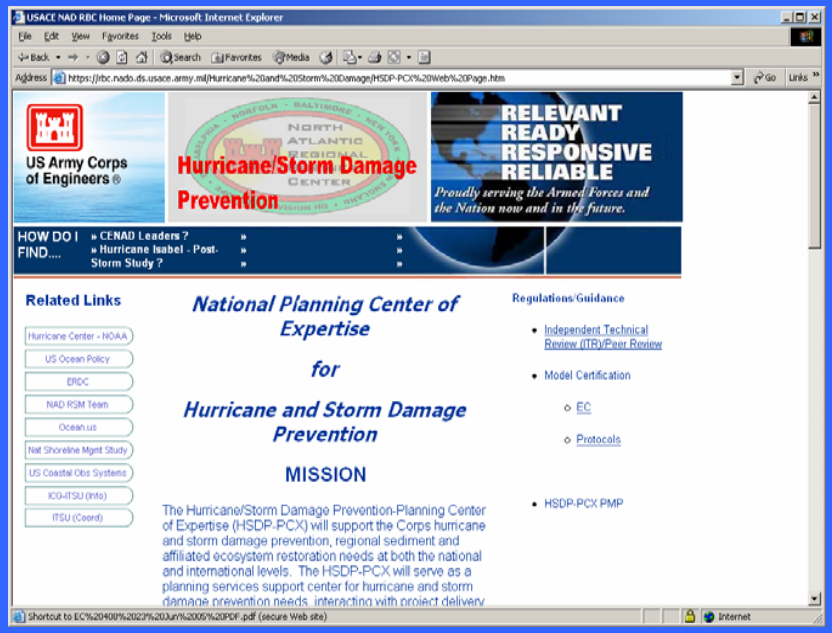
# Top Three Challenges for PCX

- Central funding
- EITR & Model Certification
- Consistency with fellow PCX's

# Communications Strategy

- **Website: https://rbc.nado.ds.usace.army.mil/Hurricane%20and%20Storm%20Damage/HSDP-PCX%20Web%20Page.htm**

- **PCOP conference display**
- **Groove workspaces**
- **Attend & participate in national conferences**



# Questions?